

HOSPITALS CAN DECREASE CDI BY 50% & EXCEED FDA GUIDELINES FOR DECONTAMINATING MATTRESSES WITH REMOVABLE, LAUNDERABLE BED BARRIERS

Recent infectious disease research highlights that laundering removable bed barriers reduces hospital-acquired infections (HAIs), keeps patients safe, & delivers meaningful hard dollar ROI. By adopting this new best practice, hospitals can eliminate bacteria from beds that cause C. diff, MRSA, & E Coli more effectively while also improving costs, quality & outcomes.

HERE ARE THE NUMBERS TO KNOW:

1 STEP:

Most hospitals conduct an inconsistent, manual one-step process of cleaning & disinfecting beds & mattresses, despite being off-label use of the disinfectant & the manufacturer's multistep instructions for use (MIFUs). This is dangerous because it can leave residual bacteria that can be transmitted from patient to patient. Peer-reviewed research documents that a one step manual wipe down disinfection system on mattress achieves a one log reduction. A launderable bed barrier will allow for a easily trainable, consistent & documentable protocol for cleaning & disinfecting beds & mattresses.

#2 CONCERN:

ECRI named healthcare mattresses #2 healthcare technology concerns in 2019 because mattresses are so difficult to disinfect. ECRI also cited deficient inspections of exterior mattress covers during terminal room cleaning as well as support surfaces (mattress & cover) inspection & use of mattress covers beyond the expected life all contribute to mattresses being a top health hazard.

70,000 CASES:

The annual incidence of hospital onset C.diff infections in the US is 70,000 per year & this is in addition to other potential pathogen spread – and much of that spread is attributed to cross contamination risk from patient to patient.

50% DECREASE:

Peer-reviewed research documents the use of launderable bed barriers has also been associated with a significantly decreased rate of hospital-onset CDIs. Hospitals have realized a reduction of at least 50% within several months.

5.83X MORE LIKELY

The increased odds of a patient getting a healthcare-acquired infection (HAI) if the previous bed occupant in that room had an HAI. The inadequately cleaned room, especially the mattress, puts patients at risk.

6.0 LOG REDUCTION:

Peer-reviewed research shows, after laundering the removable Soteria® Bed Barriers, no residual colony-forming units were detected, resulting in greater than 6.0 log reduction for every organism including C.diff spores, M terrae, MRSA, S aureus, P aeruginosa, K pneumoniae & E Coli – which not only exceeds FDA guidelines but also means that patients who receive that bed barrier upon arrival are not at-risk of exposure to any of these dangerous bacteria.

2-3X MORE LIKELY:

Studies show that patients are 2-3 times more likely to be infected with C.diff if the patient before them had been infected – another key indicator that current mattress contamination practices fall short.

\$125,000 ESTIMATED ANNUAL SAVINGS:

Even with the small cost of leasing the launderable bed barrier and laundering the products, the ROI of tackling mattress contamination is substantial. Net hard cost savings for a 40-bed medical ICU are \$125,000 because of the decreased replacement cost of the mattress skin, cover, and the mattress itself, as well as the 50% reduction of CDI, & a reduction in EVS cleaning labor & materials. Your hospital can accurately determine your customized savings opportunity by engaging with Trinity Guardion & utilizing their highly customized financial calculator. The savings can be documented.

0% INCREASE:

Peer-reviewed studies also found that launderable bed barriers did not cause any increase in pressure ulcers amongst patients.

2021 IS THE TIME:

Hospitals must take action to prevent HAIs & keep patient safe with this evidenced-based approach. To learn more about translating this new knowledge into action to protect patients – while also protecting your bottom line, **please contact us at www.TrinityGuardion.com**